

FIG. 1

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			HDLC-T
	,	HDLC-T 204	IP-T 234
	HDLC-T 204	224	UDP-T
HDLC-T	RTP-T	RTP-T	RTP-T 214
GROUP OF VOICE DATA BITS 162			
HDLC-L	RTP-L 212	RTP-L 212	RTP-L 212
172-A 🍑	HDLC-L	HDLC-L UDP-L 202	UDP-L 222
172	172-B	HDLC-L 202	IP-L 232
	172	172-C	HDLC-L
		17	172-D

FIG. 2A

FIG. 2B

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310 ESTABLISH FIRST CIRCUIT SWITCHED TELEPHONE CONNECTION WITH A FIRST DEVICE AT A FIRST ENDPOINT IN A NETWORK

315 SEND DIALING DATA USING FIRST CONNECTION

318 EXCHANGE CAPABILITIES DATA WITH GATEWAY USING FIRST CONNECTION

320 CONVERT SOUND TO SOUND SIGNALS
THAT CAPTURE A WIDE BAND OF THE SOUND

330 ENCODE SOUND SIGNALS INTO VOICE DATA BITS AT >= 16 KBPS

335 PACKETIZE THE VOICE DATA BITS IN INTERMEDIATE PACKETS [INTERMEDIATE PACKETS MIGHT NOT MEET NETWORK PROTOCOL]

340 MULTIPLEX ADDITIONAL DATA WITH THE INTERMEDIATE PACKETS

350 TRANSMIT THE INTERMEDIATE PACKETS (AND THE MULTIPLEXED ADDITIONAL DATA) THROUGH THE FIRST CONNECTION

360 RECEIVE THROUGH THE FIRST CONNECTION RETURN INTERMEDIATE PACKETS

363 DEMULTIPLEX NON-VOICE DATA FROM THE RETURN INTERMEDIATE PACKETS

365 UNPACKETIZE THE RECEIVED RETURN INTERMEDIATE PACKETS TO PRODUCE RETURN VOICE DATA BITS

370 DECODE THE RETURN VOICE DATA BITS TO PRODUCE RETURN SOUND SIGNALS

380 INPUT THE RETURN SOUND SIGNALS TO A SPEAKER TO PRODUCE RETURN SOUND

FIG. 3

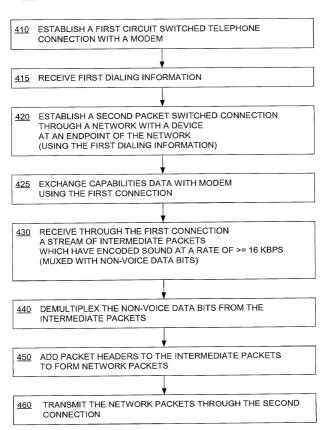


FIG. 4

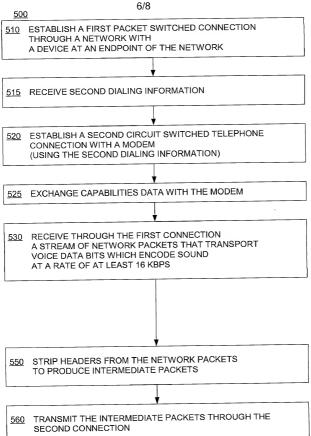


FIG. 5

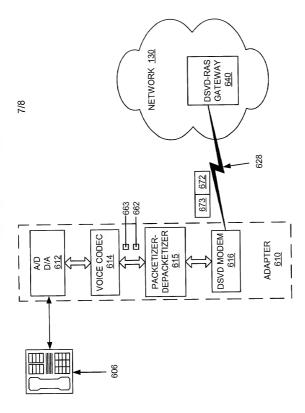


FIG. 6

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705 COLLECT DIALED DIGITS FROM PHONE

710 ESTABLISH CIRCUIT SWITCHED CONNECTION WITH A VOICE GATEWAY COUPLED IN NETWORK

715 SEND DIALING DATA

718 EXCHANGE CAPABILITIES DATA

720 RECEIVE VOICE SIGNALS FROM AN ANALOG WIDEBAND **TELEPHONE** 

730 ENCODE DIGITALLY THE RECEIVED VOICE SIGNALS AT > = 16 KBPS

740 PACKETIZE GROUPS OF THE VOICE DATA BITS INTO INTERMEDIATE PACKETS WHICH DO NOT MEET THE MINIMUM PROTOCOL OF THE NETWORK

750 MULTIPLEX NON-VOICE DATA WITH INTERMEDIATE PACKETS

760 TRANSMIT THE INTERMEDIATE PACKETS THROUGH THE CIRCUIT SWITCHED CONNECTION

770 DEPACKETIZE RETURN INTERMEDIATE PACKETS TO PRODUCE RETURN VOICE DATA BITS

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775 DEMULTIPLEX NON-VOICE DATA FROM THE RETURN INTERMEDIATE PACKETS

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780 DECODE THE RETURN VOICE DATA BITS TO PRODUCE A DIGITAL RETURN VOICE SIGNAL

790 CONVERT THE DIGITAL RETURN VOICE SIGNAL INTO AN ANALOG SIGNAL